



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

HC

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/040,539 03/17/98 YOSHIDA

A JA997028

EXAMINER

LM02/0103

D J KAPPOS
IBM CORPORATION
INTELLECTUAL PROPERTY LAW
555 BAILEY AVENUE
SAN JOSE CA 95141

HUYNH, B

ART UNIT

PAPER NUMBER

2773

10

DATE MAILED:

01/03/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.
09/040,539

Applicant(s)
Yoshida

Examiner
Huynh-Ba

Group Art Unit
2773



☒ Responsive to communication(s) filed on Nov 8, 1999

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 35 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claim

☒ Claim(s) 1-7 is/are pending in the application.
Of the above, claim(s) _____ is/are withdrawn from consideration

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) 1-7 is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☒ None of the CERTIFIED copies of the priority documents have been
☐ received.

☐ received in Application No. (Series Code/Serial Number) _____

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☒ Information Disclosure Statement(s), PTO-1449, Paper No(s). 6

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

BA HUYNH
PRIMARY EXAMINER

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

Art Unit: 2773

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1-7 are rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The applicant fails to provide an enabling disclosure of the claim limitation “said first sub-screen window *causing* said display indicating frame to be moved within said first sub-screen while said pointing device is in dragging state”. Also, the applicant fails to provide an enabling disclosure of the claimed limitation “moving ... said *display area* within said main screen” (see claim 1, lines 11-12, 15; and similar recitations in claims 2-7).

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Art Unit: 2773

4. Claims 1-3, 5, 7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As for claim 1, line 10: The phrase "said first sub-screen" lacks clear antecedent basis. It is not clear as to whether applicant is referring to the first sub-screen image window (line 8) or the first sub-screen displaying a first area of the image data (line 3).

As for claim 2, line 11: The phrase "said area" lacks clear antecedent basis. It is not clear as to the applicant is referring to the first area (line 3) or the second area (line 8). Line 26: the phrase "second screen" lacks clear antecedent basis.

As for claim 5, line 23: The phrase "said second screen" lacks clear antecedent basis. Line 26: the phrase "said sub-screen" lacks clear antecedent basis.

As for claim 7, line 27: The phrase "said second screen" lacks clear antecedent basis. Line 29: the phrase "said sub-screen" lacks clear antecedent basis.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371© of this title before the invention thereof by the applicant for patent.

Art Unit: 2773

6. Claims 1, 4, 6 are rejected under 35 U.S.C. 102(e) as being anticipated by US patent #5,945,998 (Eick).

- As for claims 1, 4, 6: Eick teaches a window display device which display image data on a display screen 501, comprising:

a first subscreen of the display associated with a subscreen rectangle 205(1) for displaying a first area of image data;

a main screen 509 displaying a part of the first area with enlargement;

a second subscreen associated with a second subscreen rectangle for displaying a second area which is adjacent to the first area 205(1);

a first subscreen image rectangle 205(1) for displaying an area displayed in the main screen with a display indicating frame 504 on the first subscreen;

a main screen image window 505 for moving the indicating frame and the display area within the main screen in correspondence to an output representing movement of a pointing device 103 as notified by the first subscreen window, the indicating frame is moved within the first subscreen while the pointing device is in dragging state;

a second subscreen image window (adjacent to 205(1)) for displaying the indicating frame in the second subscreen when the indicating frame is dragged to the second subscreen (See explanation of figure 5). Since the indicating frame 504 can not be dragged off the subscreen window 205, it is implicitly included in Eick that the subscreen window 205 "causing" the indicating frame 504 to be moved within the first subscreen. Eick fails to specifically teach that

Art Unit: 2773

the rectangles 205 are windows. However since the rectangles have rectangular boundaries for displaying image data as read in light of the applicant's specification, the rectangles are being equated as equivalent to the claimed "sub-screen image window".

- As for claims 2-3, 5, 7: Claim 2-3, 5 and 7 substantially recite the similar elements of claim 1, thus are rejected for the same reason as set forth in the rejection of claim 1. Eick fails to teach that the rectangle 205 displays a reduced image of a "page", however suggests that the rectangle can be used to display pages of spreadsheet or text (col. 21, lines 5-44). Thus it would have been obvious to one of ordinary skill in the art, at the time the invention was made, to implement the rectangle 205 for displaying a reduced page. Motivation of the implementation is explicitly suggested by Eick as set forth above. Implementation for scrolling the subscreen windows is well known and would have been obvious to one of ordinary skill in the art.

Inquires

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires to fax a response, (703) 308-9051 may be used for formal communications or (703) 308-6606 for informal or draft communications. NOTE: A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for informal facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huynh-Ba whose telephone number is (703) 305-9794. The examiner can normally be reached on Monday-Friday from 8.00AM to 4.30PM.

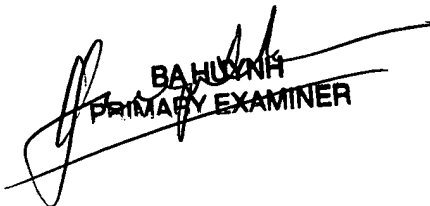
Art Unit: 2773

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Kim, can be reached on (703) 305-3821.

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Huynh-Ba
Primary Examiner
Art Unit 2773
12/27/99


BA HUYNH
PRIMARY EXAMINER